

**COOK COMPOSITES AND POLYMERS CO.**  
**Saukville, Wisconsin**  
**ECA - Air Summary**

Criteria Air Pollutant (tons/year)	2000	2001	2002	2003	2004	2005
PM	5.59	3.94	1.01	0.81	0.69	0.49
SO <sub>2</sub>	2.04	1.31	0.21	0.18	0.15	0.08
NO <sub>x</sub>	7.45	7.73	8.04	6.90	6.14	5.95
VOCs	18.57	9.38	8.09	9.56	13.89	14.25
CO	10.69	8.64	5.93	4.68	4.10	3.79
PM <sub>10</sub>	0.55	0.65	0.95	0.75	0.66	0.32
<b>Hazardous Air Pollutants (lbs/year) - Blank cell represents no usage</b>						
Acrylic acid	37.55	8.15	1.51	1.07	8.99	5.05
Adipic acid*	NR	NR	NR	NR	***	**
Ammonia*	NR	NR	6.56	NR	18.12	11.72
n-Butyl acrylate*	13.30	1.00	8.04	13.97	**	**
n-Butyl alcohol*	62.44	13.79	43.27	33.25	**	**
Cobalt, elemental, and inorganic compounds, as Co	NR	NR	0.56	NR	1.28	2.27
Cumene	NR	NR	0.01	NR	**	**
Dicyclopentadiene*	33.12	39.00	148.78	101.86	**	
Dimethylaniline (N,N-Dimehtylaniline)	NR	NR	0.17	NR	1.84	2.87
EGBE (2-Butoxyethanol; butyl cellulose)*	NR	NR	NR	NR	1,231.30	1,615.43
Ethyl benzene	245.02	153.54	478.56	420.20	1,277.03	1,408.86
Ethylene glycol vapor and aerosol	24.70	27.60	24.38	41.57	330.79	371.31
Formaldehyde	NR	NR	0.05	NR	2.33	1.25
Glycol ethers	1031.59	262.22	255.70	305.66	1,252.86	1,635.69
Hydroquinone	6.26	1.35	0.14	0.29	0.24	0.24
Isobutyl alcohol*	267.62	70.99	NR	12.47	**	
Isophorone diisocyanate*	NR	NR	NR	0.002	0.002	0.002
Maleic anhydride	12.40	14.50	11.80	290.19	286.38	228.65
Methacrylic acid*	1.20	1.00	17.80	19.96	22.19	6.30
Methanol	NR	NR	0.71	NR	1.65	31.03
4-Methoxyphenol*	NR	NR	0.05	NR	**	**
Methyl n-amyl ketone*	52.30	11.45	36.14	22.28	**	**
Methyl ethyl ketone (2-Butanone)*	NR	NR	NR	NR	0.32	**
Methyl isobutyl ketone	9.60	2.28	6.49	0.99	11.83	15.81
Methyl methacrylate	355.95	78.82	325.41	243.34	122.09	193.02
Morpholine*	NR	NR	0.58	NR	**	
Naphthalene	157.85	32.77	49.76	5.33	17.73	17.07
Oxalic acid*	NR	NR	0.06	NR	**	**
Phenothiazine*	NR	NR	0.07	NR	**	**
Phosphoric acid*	NR	NR	0.92	NR	**	
Phthalic anhydride	140.70	162.60	181.63	152.35	211.64	239.11
Quinone	NR	NR	0.04	NR	**	
Sodium Hydroxide*	NR	NR	1.31	NR	**	
Stoddard solvent (mineral spirits)*	451.30	214.82	723.89	776.90	**	**
Styrene, monomer	3403.00	4,000.00	4,028.63	3,630.27	3,698.71	3,355.89
Toluene	38.08	20.36	43.26	49.88	199.15	334.63
Toluene - 2,4 - diisocyanate (TDI)	0.03	0.01	0.00	0.03	2.09	1.84
Triethylamine	NR	NR	2.84	NR	31.38	469.41
Trimellitic anhydride*	11.45	10.30	16.38	20.96	***	63.00
Trimethyl benzene, mixed isomers*	62.43	13.92	123.33	66.51	***	**
Vinyl acetate*	NR	NR	0.16	NR	***	
Vinyl toluene*	5.60	4.80	40.30	64.63	***	
Xylene (mixture of isomers)	1117.20	699.90	2,208.30	1,924.15	5,876.95	6,485.34
<b>Total (lbs)</b>	<b>7,541</b>	<b>5,845</b>	<b>8,788</b>	<b>8,198</b>	<b>14,607</b>	<b>16,496</b>

NR - Speciation not reported in emission inventory

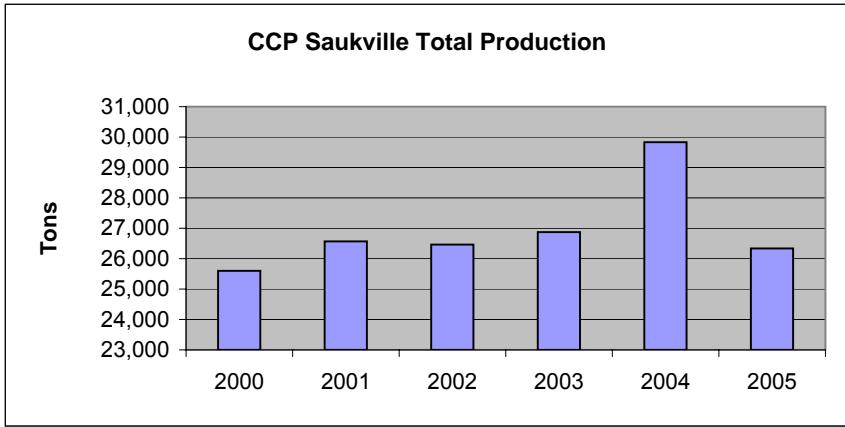
\* NR 438 constituent

\*\* Below NR 438 reporting threshold

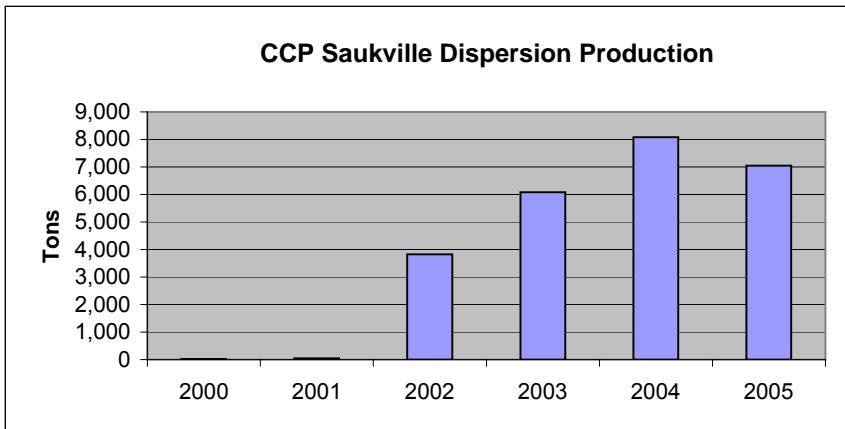
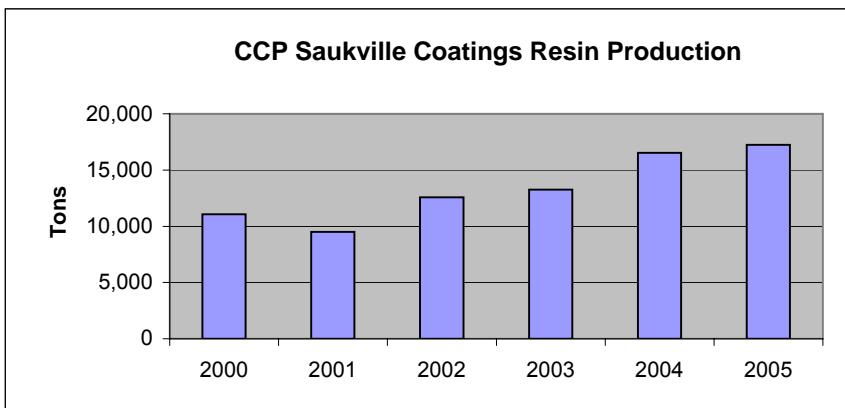
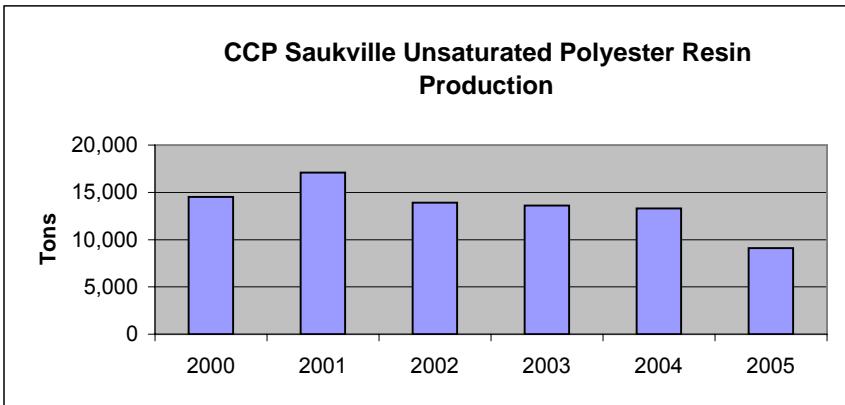
\*\*\* Revision required

<b>Operating Parameters</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
Total Composite Production (tons)	14,524	17,078	13,904	13,611	13,301	9,101
Total Coatings Production (tons)	11,073	9,494	12,561	13,258	16,532	17,239
Total Dispersion Production (tons)	22	45	3,821	6,082	8,078	7,042
<b>Total Production (tons)</b>	<b>25,597</b>	<b>26,572</b>	<b>26,464</b>	<b>26,869</b>	<b>29,833</b>	<b>26,340</b>
Plate and Frame Filter Throughput (tons)	2,215	1,899	2,512	5,313	7,173	7,751
Plate and Frame VOC Emissions (tons)	1.78	1.53	2.02	4.27	5.77	6.23
Solid Waste Incinerator Throughput (tons)	75	65	88	78	60	0
PM Emissions from Haul Roads (tons)	0.58	0.58	0.58	NR	NR	NR
Fugitive Component Count	3500	3500	2802	2802	4481	4816
Fugitive VOC Emissions (tons)	2.6	2.96	2.96	2.96	5.77	5.96

MM lbs 51,194,726 53,144,641 52,928,927 53,738,914 59,665,498 52,679,943

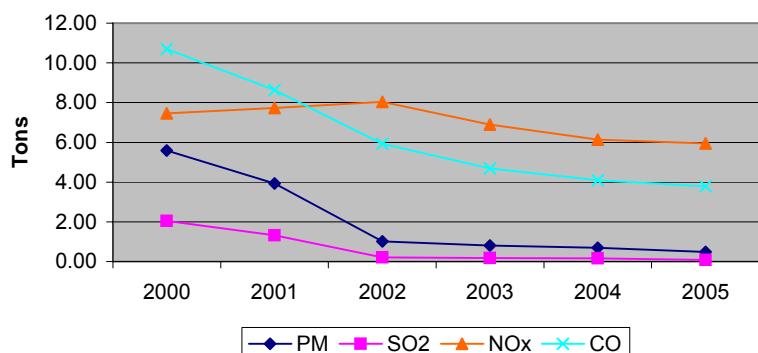


CCP Saukville facility is shifting production from unsaturated polyester resins to coatings to meet market conditions.



CCP Saukville facility produces water based dispersions which is a subcategory of total coatings produced. Water based dispersions, a low VOC/HAP emitting product, represented on average 27% of total production in 2004 and 2005.

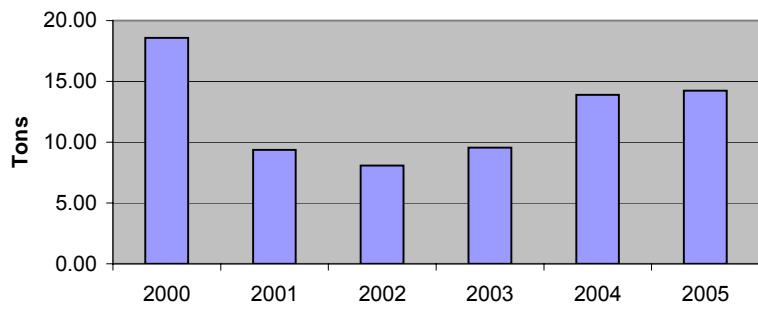
### CCP Saukville Criteria Pollutant Emission Summary



CCP Saukville facility reduced emissions of criteria pollutants by:

- Ceasing operations of the non-hazardous solid waste incinerator on June 11, 2004 and rendering the non-hazardous solid waste incinerator inoperable on September 30, 2004,
- Converted hazardous waste incinerator to a non-hazardous waste liquid incinerator in 2001. As a result, the primary fuel source for the non-hazardous waste liquid incinerator is natural gas rather than waste solvent, and
- Limiting on-site traffic primarily to paved surfaces rather than gravel haul roads.

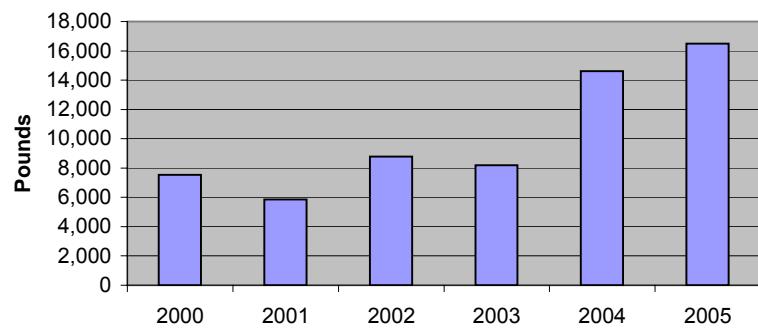
### CCP Saukville VOC Emissions



After initial decrease in 2001, the VOC, HAP, and NR 438 emissions are reported to increase from the CCP Saukville facility in 2004 and 2005.

The increase is a function of changes with emission monitoring and calculation, not operational or facility changes.

### CCP Saukville HAP and NR 438 Emissions



The calculated increase in VOC, HAP, and NR 438 emissions are the result of:

- Fugitive emission monitoring point increase of approximately 2000 points
- Resin filtering emission factor changes